Saskowski, Ronald

From: Smith, Stephen

Sent: Monday, April 21, 2014 3:57 PM

To: Saskowski, Ronald Cc: Campbell, Richard Subject: FW: 35 Ave Site

Attachments: image002.png; ATT00001.htm; 27884.pdf; ATT00002.htm

See below and attached.

Stephen P. Smith
Associate Regional Counsel
U.S. Environmental Protection Agency, Region 4
Office of Environmental Accountability
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ph: (404) 562-9554

Fax: (404) 562-9486 smith.stephen@epa.gov

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From: Brian Vines [mailto:bvines@hwnn.com]
Sent: Tuesday, January 21, 2014 10:26 PM

To: Smith, Stephen Subject: 35 Ave Site

Stephen,

Sorry for the delay in getting this information to you. Below are our split samples that came back with higher PAH levels then what the EPA's testing showed.

One is CV1013 collected at 3428 27th Avenue North with a BaP of 1.620 The second one was for CV0251 from 3321 32 St North with a BaP of 1.330 but a large total BapTEQ that puts them well over the 1.5. The whole lab sheet is attached with that test result being the last one in that batch.

Let me know if you have any questions.

All the best,

Brian

27884

of sample Last revised containers Number 80/9/8 Jymalyn Redmond, Ralph Norman Jymalyn Redmond/ Goodwyn, Mills, Cawood *Same Day ymalyn.redmond@gmcnetwork.com *RUSH, mark below 4659 Huffman Road Grady, AL 36036 *Next Day 34-590-7010 ANALYSIS REQUESTED / METHOD Fax #: Turn Around Time (please note): *2-Day invoice # (LAB use only) Refrigerated upon receipts *3-Day ou SAMPLER(S): SEND REPORT TO: The second Standard Remarks yes (print) HVd × × × × × PDF Results: Name/Co.: Phone# / Cell#: Address: Time 12/1/12 2:45 Time Time Lead × × × × × × × × × × × Date Date Date Walter Coke × Arsenic × \times × × × × × × × × Preservative: Container: SAMPLE DESCRIPTION (matrix) ANALYSIS REQUEST CHAIN OF CUSTODY McMocky E11105 composite soil Received in Laboratory by: Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag Client P.O.# Received by: Received by: Signed: PROJECT: Preservative: (a)HCL, (b)HNO₃, (c)H₂SO₄, (d)NaOH, (e)Zn Acetate Signed: Signed: Collected Collected 2:20 Time 2.45 10:43 10:40 10:45 11:30 10:53 Time TIME 9:13 9:10 4:49 1:50 9:20 3:00 Time Hare Wynn, Newell, Newton 12/6/12 12/6/12 12/5/12 12/6/12 12/6/12 12/6/12 12/5/12 12/5/12 12/5/12 PHONE (205)581-9500 FAX (205)581-9504 12/6/12 12/5/12 DATE Date · CV0640A HP0108C HP0196A CV0641A HP0022B HP0108D HP0070A HP0276A HP0286B HP0012A HP0067A HP0196A FIELD ID Environmental Company, Inc. E-Mail: suthlab@bellsouth.net 14 Relinquished by Sampleri 2515 5th Avenue South DATE DELIVERED: B'HAM, AL 35233 Sutherland Relinquished by: Relinquished by LAB ID 139706 139708 139705 39702 139763 139704 139709 139712 39710 139707 397 CLIENT: Signed: Signed: Signed:

| Sutherland | 1 | | | CHAIN OF CUSTODY | S | END RE | SEND REPORT TO: | | 010 | 2 |
|--|---|--|--|---|---------|-----------------|----------------------------|--|-------------------------------|-------------------------|
| Environmental | Environmental Company, Inc. | | | ANALYSIS REQUEST | Na | Name/Co.: | Jyma | Jymalyn Redmond/ Goodwyn, Mills, | yn, Mills, Cawood | Þ |
| 2515 5th Avenue South | ie South | | | | A | Address: | | 4659 Huffman Road | Road | |
| B'HAM, AL 35233 | 233 | | | | | | | Grady, AL 36036 | 5036 | |
| PHONE (205)5. | PHONE (205)581-9500 FAX (205)581-9504 |)581-9504 | | | Phone# | Phone# / Cell#: | | 34-590-7010 | 01 | |
| E-Mail: suthlab@bellsouth.net | @bellsouth.net | | | Client P.O. # E11105 | | E-mail: | | jymalyn.redmond@gmcnetwork.com | cnetwork.com | |
| 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 100 mm m m m m m m m m m m m m m m m m m | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | 100 mm m m m m m m m m m m m m m m m m m | 0.000 | PDF | PDF Results: | yes no | Fax#: | | |
| CLIENT: | Hare Wynn, Newell, Newton | Vewell, N | ewton | PROJECT: Walter Coke | Coke | 5, | SAMPLER(S): | Jymalyn Red | Jymalyn Redmond, Ralph Norman | nan |
| | | ************************************** | | | | | ANALYSIS RI | ANALYSIS REQUESTED / METHOD | | |
| | | | | | | | | | | |
| DATE DELIVERED: | 1/2/01 | 4 | | | | | 101-104 | | | |
| LABID | FIELD ID | DATE | DATE TIME Collected Collected | SAMPLE DESCRIPTION (matrix) | Arsenio | Lead | нуа | | | of sample containers |
| 139713 | · HP0095B | 12/6/12 | 3:30 | composite soil | × | × | | | | 1 |
| 139714 | · CV0560B | 12/3/12 | 1:55 | composite soil | × | × | | | | 1 |
| 139715 | · CV0251A | 12/3/12 | 2:46 | composite soil | × | × | × | | | 1 |
| 139716 | · CV0077B | 12/3/12 | 3:46 | composite soil | X | X | | D. T. C. | | 1 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | 01 | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Preservative: (a) | Preservative: (a)HCL, (b)HNO3, (c)H2SO4, (d)NaOH, (e)Zn Acetate | 1 ₂ SO ₄ , (d)N | (e)Z | In Acetate Preservative: | | | | | | Last revised |
| Container type: | Container type: (a) Amber, (g) Glass, (p) Plastic, (v) VOC Vial, (t) Tedlar bag | , (p) Plastic | ; (v) VOC | Vial, (t) Tedlar bag Container: | | | | | | 80/9/8 |
| Relinquished by Sampley | SampleD | Date | Time | Received by: | Date | Time | Turn Around | Turn Around Time (please note): | - 1 | |
| Signed And | in stand | the ! | 2:45 | Signed: | | | Standard | **3-Day *2-Day *Next Day | rk below Day *Same Day | |
| Relinquished by | : | Date | Time | Received by: | Date | Time | Remarks: | | | |
| Signed: | | | | Signed: | | | | | | |
| Relinquished by: | | Date | Time | d in Laboratory by: | Ш | Time | Refrigerated upon receipt. | receipt: (yes) no | | |
| Signed: | | | | Signed: Mc/100/L | 2/1/21 | 246 | Invoice # (LAB use only) | use only) 27884 | <u>8</u> | |
| | | | | P | | | | | | |

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



| Client: | Goodwyn, Mills & Cawood | Report Date: | December 17, 2012 | |
|------------|-------------------------|--------------|-------------------|--|
| Attention: | Ms. Jymalyn Redmond | Reference # | 27884 | |
| Address: | 4659 Huffman Rd. | P.O. # | E11105 | |
| | Grady, AL 36036 | Project ID: | Walter Coke | |

| Sample Matrix: | soil | Analytical | | |
|-------------------|-------------|-------------------|------------------|--|
| Date Received: | 12/7/12 | Analyst: | Kevin Doriety | |
| Date Collected: | 12/3 - 6/12 | Date of Analysis: | 12/11-12/12 | |
| Sample Collector: | J.R./ R.N. | Method: | EPA Method 6010B | |

| | N | METAI | LLIC A | NALY | TES | | |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|
| | FIELD ID HP0108C | FIELD ID HP0108D | FIELD ID HP0196A | FIELD ID HP0070A | FIELD ID CV0641A | FIELD ID HP0276A | |
| Analyte, mg/Kg | LAB ID | Detection |
| as Total | 139702 | 139703 | 139704 | 139705 | 139706 | 139707 | Limit,mg/Kg |
| Arsenic | 14 | 25 | 7.5 | 15 | 15 | 18 | 1.0 |
| Lead | 351 | 201 | 656 | 164 | 148 | 109 | 1.0 |
| | | | | | | | |
| | FIELD ID HP0286B | FIELD ID HP0012A | FIELD ID HP0067A | FIELD ID HP0022B | FIELD ID CV0640A | FIELD ID HP0095B | |
| Analyte, mg/Kg | LAB ID | Detection |
| as Total | 139708 | 139709 | 139710 | 139711 | 139712 | 139713 | Limit,mg/Kg |
| Arsenic | 16 | 4.0 | 13 | 12 | 24 | 13 | 1.0 |
| Lead | 225 | 109 | 195 | 91 | 168 | 85 | 1.0 |
| | | | | | | | |
| | FIELD ID | FIELD ID | FIELD ID | | | | |
| | CV0560B | CV0251A | CV0077B | | | | |
| Analyte, mg/Kg | LAB ID | LAB ID | LAB ID | | | | Detection |
| as Total | 139714 | 139715 | 139716 | | | | Limit,mg/Kg |
| Arsenic | 7.0 | 12 | 6.1 | | | | 1.0 |
| Lead | 273 | 584 | 402 | | | | 1.0 |

NA = Not Available BDL = Below Detection Limit Detection Limit is Method Detection Limit All results expressed as PPM mg/Kg of total analyte

EPA Laboratory ID AL01084

MH/QAQC

Respectfully submitted,

Kevin Doriety Analytical Chemist

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Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



| Client: | Goodwyn, Mills & Cawood | Report Date: | December 17, 2012 | |
|------------|-------------------------|--------------|-------------------|--|
| Attention: | Ms. Jymalyn Redmond | Reference # | 27884 QC | |
| Address: | 4659 Huffman Rd. | P.O. # | E11105 | |
| | Grady, AL 36036 | Project ID: | Walter Coke | |

| QC Matrix: | water | Analytical | |
|-------------------|-------------|----------------|------------------|
| Date Received: | 12/7/12 | Analyst: | Kevin Doriety |
| Date Collected: | 12/3 - 6/12 | Date Analysis: | 12/11/12 |
| Sample Collector: | J.R./ R.N. | Method: | EPA Method 6010B |

| | 1 | METAI | LLIC A | NALY | ΓES | | |
|---------------------------|------------------|--------------------|---------------------|--------|--------------|----------------|--|
| | | | LAB ID | | | | |
| | LABID | | 139716MS | LAB ID | LABID | LAB ID | |
| Analyte, mg/L as Total | Reagent Blank | LAB ID 139716MS | Spike Recovery % | IPC | IPC Conc. | IPC % Recovery | |
| Arsenic | BDL | 0.288 | 91% | 0.203 | 0.200 | 102% | |
| QC Matrix: | water | | Analytical | | | | |
| Date Received: | 12/7/12 | ** | Analyst: | | Kevin Dorie | ty | |
| Date Collected: | 12/3 - 6/12 | | Date Analysis: | | 12/12/12 | | |
| Sample Collector: | J.R./ R.N. | | Method: | | EPA Method | d 6010B | |

| | I | METAI | LLIC A | NALYT | TES | | |
|---------------|---------|----------|------------|--------|-------|----------|--|
| | | | LAB ID | | | | |
| | LABID | | 139716MS | LAB ID | LABID | LAB ID | |
| Analyte, mg/L | Reagent | LABID | Spike | IPC | IPC | IPC % | |
| as Total | Blank | 139716MS | Recovery % | | Conc. | Recovery | |
| Lead | BDL | 0.679 | 111% | 0.210 | 0.200 | 105% | |

IPC = Instrument Performance Check

NA = Not Available

BDL = Below Detection Limit

MS = Matrix Spike

Detection Limit is Method Detection Limit

All results expressed as PPM mg/L of total analyte

M# /QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Deric

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Report Date: December 17, 2012
Attention: Ms. Jymalyn Redmond Reference # 27884
Address: 4659 Huffman Rd. P.O. # E11105
Grady, AL 36036 Project ID: Walter Coke

Sample Matrix: Extraction Date: 12/13/12 soil Date Received: 12/7/12 Analyst: Hageman/Currence Date Collected: 12/3 - 6/12 Date of Analysis: 12/14/12 Sample Collector: J.R./ R.N. Method: EPA Method 8270D

| POL | YNUCL | EAR AR | OMATI | C HYDE | ROCARE | BONS | |
|------------------------|----------|----------|----------|----------|----------|----------|------------|
| | FIELD ID | |
| | HP0108D | HP0070A | CV0641A | HP0286B | HP0012A | CV0640A | |
| Polynuclear | LAB ID | Detection |
| Aromatics, ppm | 139703 | 139705 | 139706 | 139708 | 139709 | 139712 | Limit, ppm |
| Acenaphthene | BDL | BDL | BDL | 0.051 | BDL | BDL | 0.050 |
| Acenaphthylene | BDL | BDL | BDL | 0.056 | BDL | 0.055 | 0.050 |
| Anthracene | BDL | BDL | 0.065 | 0.190 | BDL | 0.075 | 0.050 |
| Benzo(a)anthracene | 0.187 | BDL | 0.288 | 0.535 | 0.087 | 0.276 | 0.050 |
| Benzo(b)fluoranthene | 0.211 | BDL | 0.428 | 0.645 | 0.116 | 0.515 | 0.050 |
| Benzo(k)fluoranthene | 0.195 | BDL | 0.288 | 0.605 | 0.115 | 0.362 | 0.050 |
| Benzo(ghi)perylene | 0.134 | 0.053 | 0.218 | 0.510 | 0.070 | 0.242 | 0.050 |
| Benzo(a)pyrene | 0.203 | 0.051 | 0.296 | 0.685 | 0.109 | 0.296 | 0.050 |
| Chrysene | 0.235 | 0.053 | 0.370 | 0.610 | 0.136 | 0.407 | 0.050 |
| Dibenzo(ah)anthracene | BDL | BDL | BDL | BDL | BDL | BDL | 0.050 |
| Fluoranthene | 0.330 | 0.072 | 0.499 | 0.970 | 0.163 | 0.415 | 0.050 |
| Fluorene | BDL | BDL | BDL | 0.061 | BDL | BDL | 0.050 |
| Indeno(1,2,3-cd)pyrene | 0.108 | BDL | 0.172 | 0.417 | 0.060 | 0.226 | 0.050 |
| Naphthalene | 0.079 | BDL | 0.116 | 0.132 | 0.093 | 0.163 | 0.050 |
| Phenanthrene | 0.205 | 0.071 | 0.355 | 0.765 | 0.149 | 0.398 | 0.050 |
| Pyrene | 0.273 | 0.068 | 0.404 | 0.755 | 0.134 | 0.382 | 0.050 |

BDL = Below Detection Limit Detection limit is Practical Quantitation Limit All results expressed as PPM (mg/kg)

Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



| Client: | Goodwyn, Mills & Cawood | Report Date: | December 17, 2012 | 1997 |
|------------|-------------------------|--------------|-------------------|------|
| Attention: | Ms. Jymalyn Redmond | Reference # | 27884 | |
| Address: | 4659 Huffman Rd. | P.O. # | E11105 | |
| | Grady, AL 36036 | Project ID: | Walter Coke | |

Sample Matrix: soil Extraction Date: 12/13/12 Date Received: 12/7/12 Analyst: Hageman/Currence Date Collected: 12/3 - 6/12 Date of Analysis: 12/14/12 Sample Collector: J.R./ R.N. Method: EPA Method 8270D

| POL | YNUCLEAR . | AROMATIC H | YDROCARBONS | |
|------------------------|------------|------------|-------------|------------|
| | FIELD ID | | | |
| | CV0251A | | | |
| Polynuclear | LAB ID | | | Detection |
| Aromatics, ppm | 139715 | | | Limit, ppm |
| Acenaphthene | BDL | | | 0.050 |
| Acenaphthylene | 0.174 | | | 0.050 |
| Anthracene | 0.191 | | | 0.050 |
| Benzo(a)anthracene | 1.200 | | | 0.050 |
| Benzo(b)fluoranthene | 1.410 | | | 0.050 |
| Benzo(k)fluoranthene | 1.170 | | | 0.050 |
| Benzo(ghi)perylene | 1.040 | | | 0.050 |
| Benzo(a)pyrene | 1.330 | | | 0.050 |
| Chrysene | 1.300 | | | 0.050 |
| Dibenzo(ah)anthracene | BDL | | | 0.050 |
| Fluoranthene | 2.210 | | | 0.050 |
| Fluorene | BDL | | | 0.050 |
| Indeno(1,2,3-cd)pyrene | 0.860 | | | 0.050 |
| Naphthalene | 0.140 | | | 0.050 |
| Phenanthrene | 0.950 | | | 0.050 |
| Pyrene | 1.920 | | | 0.050 |

BDL = Below Detection Limit
Detection limit is Practical Quantitation Limit
All results expressed as PPM (mg/kg)

MH / QAQC

EPA Laboratory ID AL01084

Respectfully submitted,

Kevin Doriety Analytical Chemist

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Environmental Company, Inc.

2515 5th Avenue South Birmingham, AL 35233 205-581-9500



Client: Goodwyn, Mills & Cawood Report Date: December 17, 2012 Ms. Jymalyn Redmond Attention: Reference # 27884 QC 4659 Huffman Rd. Address: P.O. # E11105 Grady, AL 36036 Project ID: Walter Coke

 QC Matrix:
 water
 Analytical

 Method:
 EPA Method 8270D
 Analyst:
 Hageman/Currence

POLYNUCLEAR AROMATIC HYDROCARBONS

| TOL | INUCL | CANAN | OMATI | CHIDE | OCARL | ONS | |
|------------------------|-------------|------------|----------|----------|-------------|----------|-----------|
| | | | | | | | |
| | LAB ID | Method | | | LAB ID | | |
| Polynuclear | Continued | Detection | Analysis | Analysis | Standard | % | Target |
| Aromatics, ppm | Calibration | Limit, ppm | Date | Time | Calibration | Recovery | Range (%) |
| Acenaphthene | 0.00103 | 0.001 | 12/14/12 | 1241 | 0.001 | 103% | 70-130 |
| Acenaphthylene | 0.00091 | 0.001 | 12/14/12 | 1241 | 0.001 | 91% | 70-130 |
| Anthracene | 0.00093 | 0.001 | 12/14/12 | 1241 | 0.001 | 93% | 70-130 |
| Benzo(a)anthracene | 0.00094 | 0.001 | 12/14/12 | 1241 | 0.001 | 94% | 70-130 |
| Benzo(b)fluoranthene | 0.00090 | 0.0001 | 12/14/12 | 1241 | 0.001 | 90% | 70-130 |
| Benzo(k)fluoranthene | 0.00084 | 0.0001 | 12/14/12 | 1241 | 0.001 | 84% | 70-130 |
| Benzo(ghi)perylene | 0.00095 | 0.0005 | 12/14/12 | 1241 | 0.001 | 95% | 70-130 |
| Benzo(a)pyrene | 0.00080 | 0.0001 | 12/14/12 | 1241 | 0.001 | 80% | 70-130 |
| Chrysene | 0.00094 | 0.0005 | 12/14/12 | 1241 | 0.001 | 94% | 70-130 |
| Dibenzo(ah)anthracene | 0.00072 | 0.001 | 12/14/12 | 1241 | 0.001 | 72% | 70-130 |
| Fluoranthene | 0.00095 | 0.001 | 12/14/12 | 1241 | 0.001 | 95% | 70-130 |
| Fluorene | 0.00091 | 0.001 | 12/14/12 | 1241 | 0.001 | 91% | 70-130 |
| Indeno(1,2,3-cd)pyrene | 0.00076 | 0.001 | 12/14/12 | 1241 | 0.001 | 76% | 70-130 |
| Naphthalene | 0.00113 | 0.001 | 12/14/12 | 1241 | 0.001 | 113% | 70-130 |
| Phenanthrene | 0.00091 | 0.001 | 12/14/12 | 1241 | 0.001 | 91% | 70-130 |
| Pyrene | 0.00091 | 0.0005 | 12/14/12 | 1241 | 0.001 | 91% | 70-130 |

BDL = Below Detection Limit All results expressed as PPM (mg/L)

MH /QAQC

ADEM # 41470 EPA Laboratory ID AL01084 Respectfully submitted,

Kevin Doriety Analytical Chemist

Kin Donat